AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for producing a ~~metallized~~ metalized image on a sheet material, ~~said~~ the method ~~consisting in~~ comprising:

~~applying a metal onto the sheet material and exposing it at specified points to a means that provides their fixation at said points, the method being characterized by~~

applying a solution containing a salt of ~~the~~ a metal onto the sheet material and impregnating the sheet material with ~~said~~ the solution[[,]];

causing extraction of the metal from the solution at specified points of the sheet material by applying electromagnetic radiation to the sheet material at the specified points;[[,]] and

forming [[an]] the image from a combination of ~~said metallized~~ metalized points.

2. (Currently Amended) [[A]] The method according to claim 1, ~~characterized by causing~~ wherein the extraction of the metal from the solution is provided by focusing electromagnetic radiation pulses ~~which are focused~~ on the specified points of a surface of the sheet material.

3. (Currently Amended) [[A]] The method according to claim 2, ~~characterized in that~~ wherein the electromagnetic radiation pulses reduce, in the solution, metal ions to the metal and deposit ~~said~~ the metal at the specified points of the sheet material.

4. (Currently Amended) [[A]] The method according to claim 3, ~~characterized by~~ comprising limiting [[a]] duration and [[an]] energy of the electromagnetic radiation pulses to values at which ~~said~~ the radiation is unable to burn the sheet material through.

5. (Currently Amended) [[A]] The method according to claim 4, ~~characterized by~~ comprising forming ~~recesses~~ channels in the sheet material under ~~action~~ impact of the

electromagnetic radiation pulses, and depositing the metal from the solution at ~~their bottoms~~ the bottom of the ~~recesses~~ channels~~, and forming~~ ~~an~~ to form the image from [[a]] the combination of ~~metallized~~ the metalized points ~~deepened~~ imbedded into the body of the sheet material.

6. (Currently Amended) [[A]] The method according to claim 1, ~~characterized by~~ comprising preparing a solution in which salts of several metals are present, depositing simultaneously all the metals ~~present in~~ from the solution ~~therefrom~~ at each of the specified points of the sheet material, and forming either metal alloys or doped metals at ~~said~~ the specified points.

7. (Currently Amended) [[A]] The method according to claim 5, ~~characterized by using laser radiation pulses as~~ wherein the electromagnetic radiation pulses are laser radiation pulses.

8. (Currently Amended) An apparatus ~~device~~ for applying a ~~metallized~~ metalized image onto a sheet material, ~~said device~~ the apparatus comprising:

a ~~means~~ device positioned in front of the sheet material for applying a metal onto the sheet material; and

a ~~means~~ device for fixing the metal to the sheet material at specified points~~, said device being characterized in that the means~~ ;

wherein the device for applying the metal onto the sheet material ~~is made as~~ comprises a reservoir with a solution containing a salt of the metal and ~~as~~ a fixture for transferring the solution from the reservoir to the sheet material and impregnating the sheet material with ~~said~~ the solution, and

wherein the ~~means~~ device for fixing the metal to the sheet material ~~is made as~~ comprises a generator of laser radiation pulses and ~~as~~ a unit for focusing ~~said~~ the laser pulses on the specified points of the sheet material to extract the metal at the points from the solution impregnated into the sheet material ~~at said points~~.